SMT-W5100

User Guide

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SAFETY CONCERNS

This document provides the information to prevent bodily injury and property damage.
Please make a good use of our product with its description below.

Conventions

WARNING
Provides information or instructions that you should follow in order to avoid personal injury or fatality.

CAUTION
Provides information or instructions that you should follow in order to avoid a service failure or damage to your phone.

NOTE
Indicates additional information for reference.

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Symbols

Caution
Indication of a general caution

Restriction
Indication for prohibiting an action for a product

Instruction
Indication for commanding a specifically required action

WARNING

Power

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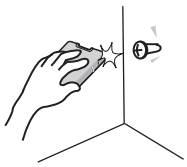
Do not connect conductive objects, such as necklace or coins, to the charging phones of the battery (metallic part).

The object may explode and cause fire due to overheating.

Use only the charger provided with the SMT-W5100 phone.

Using other chargers can result in overheating or explosion and may cause malfunction.



The battery shall be used only for the SMT-W5100 phone.

Using the battery for other purposes may cause malfunction, fire, or electric shock.

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Installation / Maintenance

Do not make a call near a microwave or Bluetooth product in use.

It may cause disconnection during the call.

Do not put instruments that contain water such as vases, cups, cosmetics, and medicines, or small metals near the phone.

Moisture in the phone can cause a fire and electric shocks.

Do not place the phone in a dusty area or in fluctuating temperature environments.

It may cause a fire or electric shocks.

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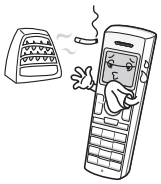
Installation/Maintenance



Do not install the phone near a heater (cigarette lighter, heating apparatus, etc.).

It may cause a fire or electric shocks.

Do not use inflammable solvent or material near the phone. Do not store them near the phone.

It may cause a fire or electric shocks.

If the phone makes (horrible) noise, bad smell, or smoke, call the Service Centre immediately.

It may cause a fire or electric shocks.

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CAUTION

Installation / Maintenance

Before executing the [MENU] → [8. System] → [3. De-registration], double check whether this function should be executed since all phone information registered to the system will be deleted.

Use a soft dry cloth to clean the phone. Do not use any chemical solvents like wax, benzene, alcohol, thinner, mosquito spray, aerosol, lubricant, or detergent.

The use of chemicals on the phone may cause fading/discolouring or damage to the parts.

Do not install the phone on an unstable surface or near the direct rays of sunlight.

It may cause severe damage to the parts of the phone, and your phone may not work properly.

Do not separate, repair or remodel the phone arbitrarily.

If a repair is needed, please contact where the phone was purchased or call the Service Centre.

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TABLE OF CONTENTS

SAFETY CONCERNS 3

Conventions 3
Symbols 4
Warning 4
CAUTION 8

PREPARATION 15

About This Guide 15
Overview of SMT-W5100 15
Unpacking 16
Installing the Battery 17
Removing the Battery 18
Charging the Battery 19
Checking the Battery Status 20
Low Battery Indication 20
Phone Layout 21

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Button Description 22
Icon (Display) Description 25

BASIC FEATURES **26**

To Turn the Power On 26
To Turn the Power Off 27
Making a Call 27
Using the Dial Keypad 28
Using the Call Logs 29
Answering a Call 30
Volume Adjustment 31
Key Button Volume Adjustment 31
Voice Volume Adjustment 32
Setting the Etiquette Mode 33
To Set up the Etiquette Mode 33
To Disable the Etiquette Mode 33
Setting the Automatic Key Lock 34
To Set up the Automatic Key Lock 34
To Disable the Automatic Key Lock 34
Entering Characters 35
Buttons Used for Entering Characters 35
How to enter uppercase and lowercase 36

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How to Enter Special Characters....38
How to Enter Numbers....38

CONVENIENT FEATURES 39

Features on a Calling Failure....39
Call Back....40
Station Message....41
Camp On....42
Features Used During a Call....43
Mute on a Call....43
Conference Call while on the Phone....44
Call Transfer....45
Holding a Call....46
Right navigation key....46

APPLICATION MENUS 47

Menu Structure....47
Phonebook....49
Find Number....49
Outgoing Calls....54
Incoming Calls....55
Missed Calls....56

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New Entry 57
Delete Lists 58
Utilities 59
Alarm 59
Schedule 60
Calculator 62
World Time 63
Conversion 64
Timer 65
Message 66
Station Message 66
SMS (Short Message Service) 67
VMS (Voice Mail System) 76
Volume/Ring 77
Incoming Calls Tone 78
Connection Tone 81
Key Tone 81
Warning Tone 82
Base Volume 83
Soft Menu 84
Station Message 84
Direct Pickup 85
Do Not Disturb 86
Page 87

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Conference 88
Call Forward 91
Phone Settings 92
Phone Name 92
Background 93
Password 93
Language 94
Back Light 95
LCD Contrast 97
Cradle Hook 97
Reset 98
Program Msg (Programmed Message) 99
Phone Lock 100
Intern. Lock (Internal Lock) 101
Call Answer 102
System 103
Registration 103
System Setting 112
Encryption key 113
Unregistration 114
QoS (WMM: WiFi MultiMedia) 115
MAC Address 115
Version Info 116
Help 117

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Function Description 117
Troubleshooting 118

TROUBLESHOOTING 119

ANNEX 121

Product Specifications 121

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PREPARATION

About This Guide

This user guide provides instructions for the use of Samsung's latest SMT-W5100 mobile phone. Please take the time to study this guide to become familiar with the operation of your SMT-W5100 and the benefits this new phone can provide. Keep this guide handy.
You may need to look up instructions for infrequently used features.

Overview of SMT-W5100

The SMT-W5100 (Wireless IP-Phone Mobile type) is the wireless mobile phone that allows a voice communication through IEEE 802.11 b/g wireless LAN.

SMT-W5100 supports voice communication using IEEE802.11 b/g WLAN. Based on IEEE802.11 b/g standard, VoIP voice signals received are compressed to a voice CODEC and transferred as data packets.

Data terminals such as PDA and laptop PC that support wireless connection can be used along with the SMT-W5100.

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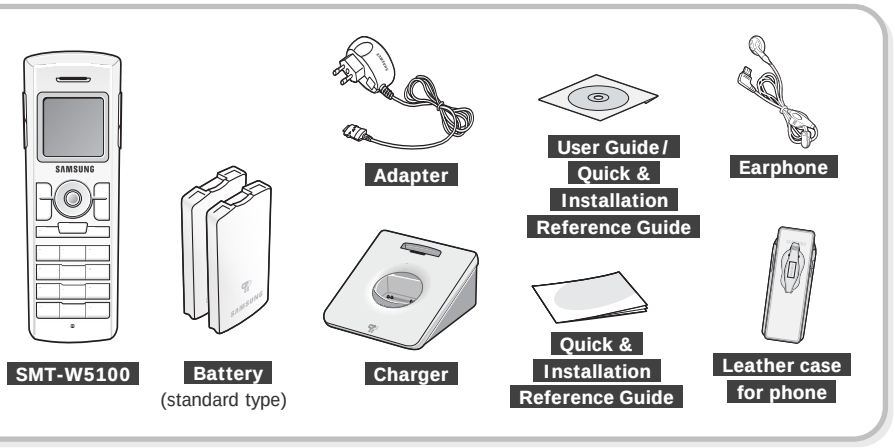
Unpacking

After purchasing the SMT-W5100 phone, you have to check that the following items have been packed in the box.



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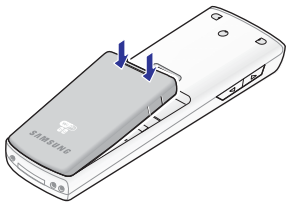
Installing the Battery

1 Put the lower part of your battery, and then install the battery by pressing the upper part.



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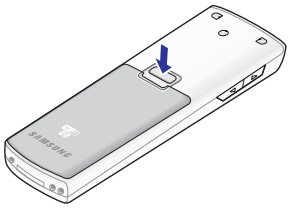
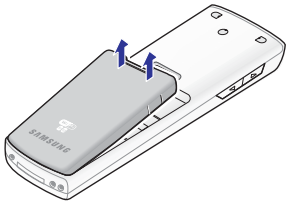
Removing the Battery

1 Press the button and the battery is separated and raised as shown in the figure below.



2 Lift up and remove the battery.



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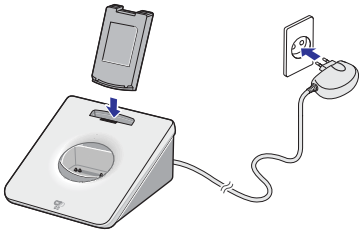
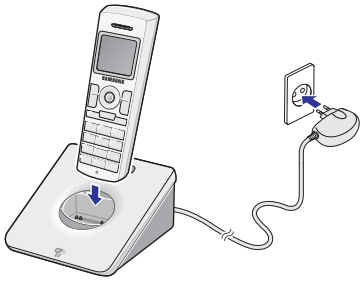
Charging the Battery

After checking each component of the phone, charge the battery as shown in the figure below.

Charging the battery



Charging the battery with phone



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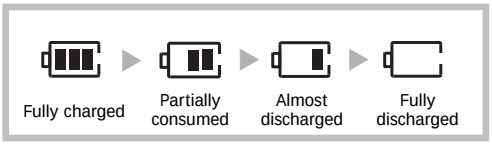
Checking the Battery Status

The battery status can be checked by looking at the battery status icons given below that appear on the LCD panel of the phone.



Battery charge
When using the phone for the first time after purchase, fully charge the battery before use since the battery may be discharged.

Low Battery Indication

When the battery energy is completely discharged, the phone makes a warning sound and the battery icon starts to blink. It is recommended to change to a new battery or charge the battery immediately.
If the phone is still used after the warning sound and blinking, the battery will be completely discharged and the power will automatically go off.

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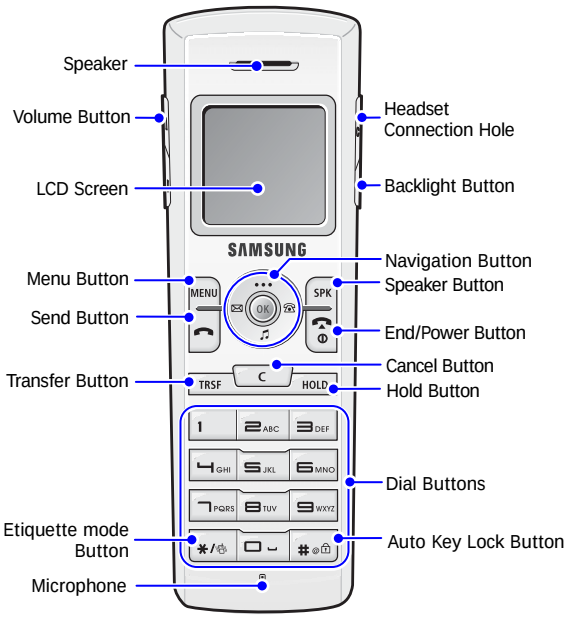
Phone Layout

The following figure shows the main elements of your phone.



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Button Description

Name	Button	Description
Headset Connection Hole	-	Used when connecting the Headset.
Backlight Button		Used when illuminating the display and keypad.
Navigation Buttons		Used when moving the menu bar upward or entering the soft menu.
		Used when moving the menu bar downward or entering the volume/ring menu.
		Used when moving the menu bar to the right direction or entering the phonebook menu.
		Used when moving the menu bar to the left direction or entering the message menu.
		Used when selecting or saving the selected item for function settings.
Speaker Button		Used When selecting speaker phone function.

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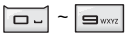
Name	Button	Description
End/Power Button		Used when turning the power on/off, when returning to the initial screen or when terminating the call.
Cancel Button		Delete characters from display or in menu mode return to previous menu.
Hold Button		Used when holding a call.
Dial Buttons		Used when dialling or entering characters.
Auto Key Lock Button		Used when applying the automatic key lock.
Microphone	-	Microphone
Etiquette mode Button		Used when applying the etiquette mode.
Transfer Button		Used when transferring a call.
Send Button		Used when calling or receiving a call.
Menu Button		Used when entering the menu mode.

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Name	Button	Description
LCD Screen	-	Display the Menu, Call Number and Icons.
Volume Button		Used when controlling the volume of voice or key tone.
Speaker	-	Speaker

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Icon (Display) Description

Icon	Description
	This indicates the signal intensity. : weak signal : strong signal
	This turns on when the service is not available.
	Blinks when trying to make a call and turns on when a call is connected.
	The status that indicates an alarm is set.
	When a message is received.
	Etiquette function or vibration function is enabled.
	Indicates that the automatic key lock is enabled.
	Indicates that the ring type is set as light only (silent).
	Indicates the battery charging level. : fully charged : sufficient : insufficient : needs to be charged immediately

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BASIC FEATURES

To Turn the Power On

Press the button for more than 2 seconds.

When power is on without the registration, the 'Unregistered' message will be displayed.

Register the phone according to the following procedure**:**
[MENU] → [8.System] → [1. Registration].
For more details, refer to descriptions in '**System'** of **'Application Menus'**.

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To Turn the Power Off

Press the button for more than 2 seconds.
The phone will automatically turn off.

Making a Call

For your convenience there are several ways to make a call. However, only the basic function will be introduced in this guide.

NOTE

Refer to 'Phonebook' section in 'Application Menus' of this guide for how to use the latest originating number, latest called number, directory or abbreviated dial numbers.

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Using the Dial Keypad

1 Press the phone number.

- Use the dialing pad to enter the required number. The telephone number will appear on the display.
- Press the **[Cancel]** button for a short time to modify an incorrectly entered number, one by one. Press the **[Cancel]** button for a long time to completely delete all the incorrectly entered numbers at once.

2 Press the button.

- Press the button to hang up the phone.

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Using the Call Lists

You can view not only the latest calls or received phone numbers but also absent subscriber messages. This is achieved by simply selecting the desired phone number for information or to make a call.

1 Press the button.

2 Using the buttons to view the call history.

- : Latest received number
- : Latest called number
- : Failed call

3 Select the phone number and press the button.

Maximum saved number
The maximum of 297 phone numbers can be saved in the call list.
If they are all filled up, the oldest phone number will be erased when a new phone number is saved.

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Answering a Call

Press any button except **[Volume]** button, or (Button) to start a conversation while the phone is ringing.

NOTE

You can set how to answer the incoming call 'Phone Settings' from 'Application Menu' in this guide.

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Volume Adjustment

You can adjust the key button volume, and voice volume from the other party.

Key Button Volume Adjustment

You can adjust the volume with key button while on the phone.
Select the one of 5 volume levels you want by pressing the **[Volume]** button in the initial screen.

NOTE

If a key is pressed during a call, the key tone will not be played unless when using an earphone.

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Voice Volume Adjustment

While having a conversation on the phone, you can adjust the voice volume from the other party.

Select the one of 5 volume levels you want by pressing the **[Volume]** button while having a conversation.

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Setting the Etiquette Mode

To avoid interrupting other people in public places or during a meeting, you can set the phone to vibration instead of ringing.

To Set up the Etiquette Mode

Press the [*/] button for more than 2 seconds on the initial screen.

Then the etiquette mode icon will be displayed on the top of phone screen and the phone will vibrate instead of ringing if there is an incoming call.

To Disable the Etiquette Mode

Press the [*/] button for more than 2 seconds on the initial screen.

Then the etiquette mode icon disappears and the etiquette mode will be disabled.

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Setting the Automatic Key Lock

In order to protect your privacy, this function prevents others from viewing your information. When the automatic key lock is set, no keys of the phone will work, and functions other than answering a call cannot be used. until you disable the Automatic Key Lock.

To Set up the Automatic Key Lock

Press the # button for more than 2 seconds on the initial screen.

The screen will then display the automatic key lock icon .

To Disable the Automatic Key Lock

Press the # button for more than 2 seconds on the initial screen.

The automatic key lock function is then disabled.

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Entering Characters

This section describes how to enter uppercase/lowercase English characters and special characters.

Buttons Used for Entering Characters

The buttons used for entering the characters are as follows.

- **[MENU]** button: Screen for entering **[ENG (uppercase)]** appears first and a menu bar prompting you to select **[eng (lowercase)/Sym (Special character)]** on the lower part of the screen.
- button: Enter the desired characters from **[ENG/eng/Sym]**.

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How to enter uppercase and lowercase

Pressing the **[MENU]** button allows you to enter English uppercase letters automatically and to select one type from the **[ENG/eng/Sym]** located on the lower part of the screen using the buttons.

The screen will then provide an input field for the character type you selected the other two character types will appear on the menu bar.
For example, if **[eng]** is selected, **[ENG/eng/Sym]** will appear on the menu bar.

Press the buttons to move the cursor.

Modify the desired characters using the **[Cancel]** buttons and place the cursor on the appropriate location to insert the characters. If a character to be entered is the same as the last entered character,

press the buttons to move the cursor right one space.

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Dial Button / count	0	1	2	3	4	5	6	7	8	9	*	#
1	'space'	.	A	D	G	J	M	P	T	W	/	@
2			B	E	H	K	N	Q	U	X		
3			C	F	I	L	O	R	V	Y		
4								S		Z		

To enter characters, press the button where a desired character is displayed repetitively to display the next character. (e.g., If the number **[5]** button is pressed, the character 'J' is entered. If the **[5]** button is pressed once more, the 'K' is entered.)

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How to Enter Special Characters

Press the **[MENU]** button and select **[Sym]** from the menu bar on the lower part of the screen.
Then the special characters are displayed in the same order.

+ - / * = . , \ ! ? _ : ; [ ] ( ) ” & @ ~ ‘ ^ %
# $ < > | ’ { }

Select desired special characters using

the buttons and press the **[OK]** button

to enter the character on the screen.

How to Enter Numbers

Press the dial button for more than 2 seconds so that numbers are entered irrespective of which character has been selected from out of the English Uppercase/English Lowercase/Special Characters has been entered.

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CONVENIENT FEATURES

Features on a Calling Failure

This section describes functions that can be used for internal calls when the other party is busy or when a call cannot be connected due to features such as ‘Do Not Disturb’, set by the other party.

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Call Back

If an internal call cannot be connected, you can reserve the call.

1 If the other party does not answer your call or if he or she is in 'Busy' or in 'Do Not Disturb' status, press **[MENU]** button.

2 Press the button and move to **[1. Call Back]**.

3 Press the **[OK]** button.

- Your phone will ring when the other party either finishes the call or clears the DND function. Once you pick up your phone, the phone of the other party starts to ring.

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Station Message

If an internal call cannot be connected, you can send a message.

1 If other party is not answering, 'busy' or 'rejecting call' is set, then press the **[MENU]** button.

2 Press the button and move to **[2. Message]**.

3 Press **[OK]** button.

- The icon appears on the other party's phone.
- The other party can check the message (phone number) by pressing **[MENU] → [5.Soft Menu] → [1.Station Msg.]**.

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Camp On

If an internal call cannot be connected, you can make the other party's phone to play an urgent sound and wait for the other party to answer your call.

1 If the other party does not answer your call or if he or she is in 'Busy' or in 'Do Not Disturb' status, press **[MENU]** button.

2 Press the button and move to **[3. Camp On]**.

3 Press **[OK]** button.

- The urgent sound cannot be heard while the other party is busy. The bell starts to ring when the other party hangs up the call.

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Features Used During a Call

These convenient functions may be used during a call.

Mute on a Call

This is used to block your voice from your phone during a call. But you can still hear the other party.

1 Press the **[MENU]** button during a phone conversation.

2 Press the button and move to **[1. Mute]**.

3 Press the **[OK]** button.

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Conference Call while on the Phone

Setting function for conference call while on the phone.

1 Press the **[MENU]** button while on the phone with other party.

2 Select the **[2. Conference]** using button.

3 Enter the 3rd party phone numbers who wants to participate in a conference.

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4 When the call is connected with the 3rd party, press the **[MENU]** button and select the **[1. Conference]**. Then press the **[MENU]** button once more and select the **[1. Conference]** to start the conference. If you want to delete the one member while in a conference, press the **[MENU]** and select the **[1. Conference]** and enter the member's phone number that you want to delete when the 'make next call' message appears.

Call Transfer

This function allows to transfer a call to the other party during a call conversation.

1 Press the **[Transfer]** button during the conversation.

2 **Press the call number to be transferred.**

3 Press the **[End]** button to disconnect the call.

4 Press the **[Transfer]** button again in transfer mode to resume the call with the previous caller again.

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Holding a Call

This is used to hold a call for a while during a phone conversation.

1. Press the **[Hold]** button during the conversation.
2. Re-press the **[Hold]** button in standby status to resume the hold call.

Right navigation key

If you press the Right arrow key during a call, a menu will appear allowing you to save telephone numbers.

- You can save the telephone number of the present caller
- You can dial a number using the Phonebook.
- You can dial a number using the Call list.

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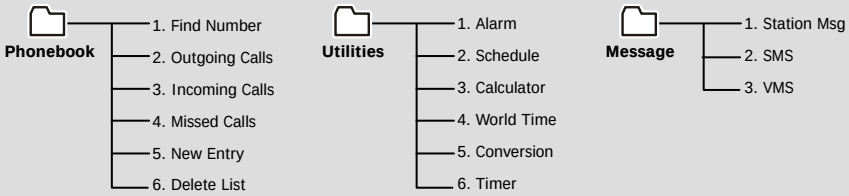
APPLICATION MENUS

Menu Structure

Press the **[MENU]** button in idle mode. The main application menu will appear on the screen. The Menu screen displays the functions-Phonebook, Utilities, Message, Soft Menu, Volume/Ring, Phone Settings, System and Help as icons.



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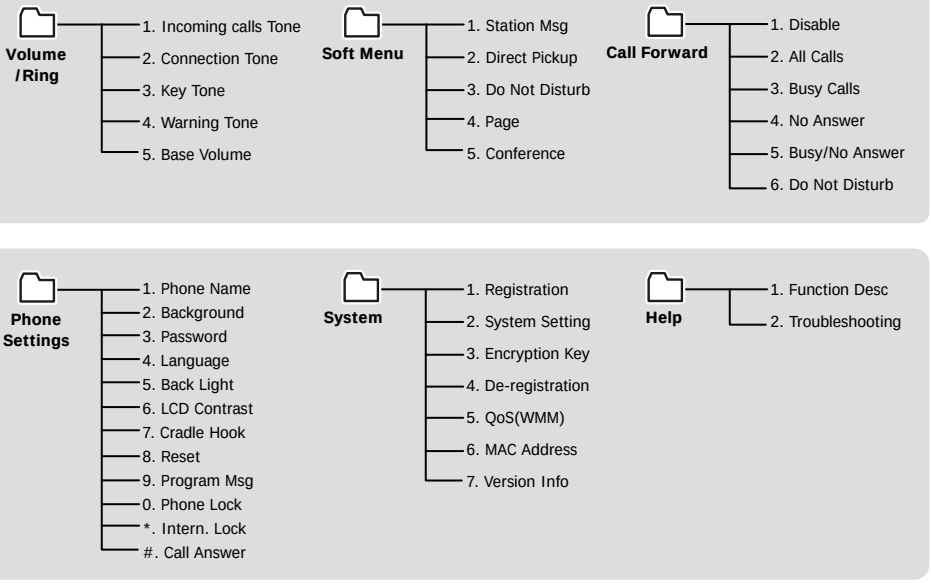

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Phonebook

Press the **[MENU]** button in idle mode, and then select the **[1. Phone book]** icon to find out various methods to make a call.

Find Number

This function allows you to search a phone number by name, number and location.

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Search by Name

You can search and make a call the desired phone number using a name.

[MENU] ▶ 1. Phone book ▶ [OK] ▶ 1. Find Number ▶ 1. By Name ▶ Enter a name ▶ [OK] ▶ **▶**

If you press the **[OK]** button without entering a name, all the numbers in the list saved will be displayed.

- When entering a name, press the first letter of that name and hit the **[OK]** button. Then, all the names which include that letter will be displayed and the related phone number list will show up automatically. (e.g., Enter the name 'J' in the input field and press the **[OK]** button. All the names including 'J' will be listed.)
- Refer to 'Entering Characters' section in 'Basic Features' of this guide for entering characters.
- Use the buttons to move between phone number, and press to make the call.

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Search by Number

You can search and make a call the desired phone number using a phone number.

[MENU] ▶ **1. Phone book** ▶ **[OK]** ▶ **1. Find Number** ▶ **2. By Number** ▶ **Enter a phone number** ▶ **[OK]** ▶ ••• ♫ ▶ 📞

If you press the **[OK]** button without entering a number, all the numbers in the list saved will be displayed.

- The phone number list including the related phone number will be displayed in the order of addresses. (e.g., When '2' is entered, the following phone lists which include '2' and corresponding phone number will be displayed.)
- Use the ••• ♫ buttons to move between phone number, and press 📞 to make the call.

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Search by Location

You can search and make a call the desired phone number using a speed dial number.

[MENU] ▶ **1.Phone book** ▶ **[OK]** ▶ **1. Find Number** ▶ **3. By Location** ▶ **Enter a speed dial number** ▶ **[OK]** ▶

If you press the **[OK]** button without entering a speed dial number, all the numbers in the list saved will be displayed.

- This function allows you to make a call to the desired party by simply pressing a speed dial number for longer than 2 seconds. For example, if the number '123456' is saved to the **[1]** button, you can simply press the **[1]** button until a call is connected to '123456'. This function works only on the initial screen.
- If the speed dial number is more than two digits, press the last number of the two digits for a long time.

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Modifying / Deleting Phone Number

This is the method to modify or delete the saved phone number.

[MENU] ▶ 1. Phone book ▶ [OK] ▶ 1. Find Number ▶ 1 / 2 / 3 ▶ Enter Name / Phone number / Speed dial number ▶ [OK] ▶ [MENU] ▶ 1. Edit ▶ Modify phone number ▶ [OK]

To delete the phone number, select **[2. Delete]**.

- Using the **[Cancel]** button and dial buttons, modify the phone number and press the **[OK]** button to save it.

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Outgoing Calls

After view only the latest dialled phone number, select the desired phone number and make a call.

- : Latest received number
- : Latest called number
- : Failed call

[MENU] ▶ 1. Phone book ▶ [OK] ▶ 2. Outgoing Calls ▶ (Select the phone number) ▶ [OK] or

- The maximum of 99 phone numbers can be saved in the outgoing calls list.
  If they are all filled up, the oldest phone number is erased when a new dialed phone number is saved.

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Incoming Calls

After view only the latest received phone number, select the desired phone number and make a call.

- : Latest received number
- : Latest called number
- : Failed call

[MENU] ▶ 1. Phone book ▶ [OK] ▶ 3. Incoming Calls ▶ (Select the phone number) ▶ [OK] or

- The maximum of 99 phone numbers can be saved in the incoming calls list.
  If they are all filled up, the oldest phone number is erased when a new received phone number is saved.

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Missed Calls

After view only the latest missed phone number, select the desired phone number and make a call.

[MENU] ▶ 1. Phone book ▶ [OK] ▶ 4. Missed Calls ▶ (Select the phone number) ▶ [OK] or

- The maximum of 99 phone numbers can be saved in the missed calls list.
  If they are all filled up, the oldest phone number is erased when a new received phone number is saved.

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New Entry

This function allows you to save the new phone number by using the menu function.

[MENU] ▶ 1. Phone book ▶ [OK] ▶ 5. New Entry ▶ Enter name, phone number (home, station, mobile), speed dial number ▶ [OK]

- You can directly enter the phone number on the idle mode, and save that number using the button.
- Enter the name that you want to save by using the dial buttons (up to 10 characters). Refer to 'Entering Characters' section in 'Basic Features' of this guide for entering characters.

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Delete Lists

This function enables you to delete phone numbers registered in the phonebook or calling numbers and called numbers.

[MENU] ▶ 1. Phone book ▶ [OK] ▶ 6. Delete List ▶ [OK] ▶ 1. Del Phonebook ▶ Enter a Password ▶ (Yes/No) ▶ [OK]

- To delete the list of calling numbers saved in the phonebook, select **[2. Del Outgoing]**.
- To delete the list of called numbers saved in the phonebook, select **[3. Del Incoming]**.
- To delete the list of missed call numbers saved in the phonebook, select **[4. Del Missed]**.
- To delete the list of all numbers saved in the phonebook, select **[5. Del All]**.

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Utilities

Press the **[MENU]** button in idle mode, and then select the **[2. Utilities]** icon.

Alarm

This function enables you to delete phone numbers registered in the phonebook or calling numbers and called numbers.

[MENU] ▶ **2. Utilities** ▶ **[OK]** ▶ **1. Alarm** ▶ **[OK]** ▶ **1. Set Alarm** ▶ **[OK]** ▶ **(Select alarm interval)** ▶ **[OK]** ▶ **Enter alarm time** ▶ **[OK]**

- To disable the alarm, select **[2. Reset Alarm]**.
- To change the alarm melody, select **[3. Alarm Melody]**. You can choose one among 5 melodies.

- When the alarm is set, the alarm icon will appear on the screen.

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Schedule

This function allows you to enter important tasks or appointments and then set the phone alarms on those dates. So, you can easily use this function to manage a personal schedule. If the alarm is set up as mute, you can directly check what the schedule is on the screen.

[MENU] ▶ 2. Utilities ▶ [OK] ▶ 2. Schedule ▶ [OK] ▶ Select dates ▶ [OK] ▶ Enter time, contents ▶ Select Melody ▶ [OK]

Select melody type using button.

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Modifying / Deleting Schedule

This function allows you to modify or delete the registered schedule.

[MENU] ▶ 2. Utilities ▶ [OK] ▶ 2. Schedule ▶ [OK]
▶ Select dates ▶ [OK] ▶ select schedule list ▶ [MENU]
▶ 1. Modify ▶ Modify Time / contents / melody ▶ [OK]

To delete a schedule, select **[2. Delete]**.
To add a schedule, select **[3. Add]**.
To delete all schedule, select **[4. Delete All]**.

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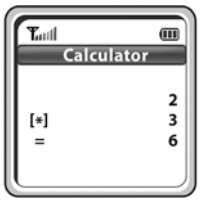
Calculator

This function allows you to do four arithmetical operations (addition, subtraction, multiplication and division) in a simple way.



[MENU] ▶ 2. Utilities ▶ [OK] ▶ 3. Calculator ▶ [OK] ▶ Enter numbers ▶ (Select arithmetical operation symbol) ▶ Enter numbers ▶ [OK] ▶ The result is displayed.

- When entering negative numbers, press # button.
- When incorrect numbers are entered, press the **[CANCEL]** button.

- Press the button to reuse the result.
- Press the **[CANCEL]** button to reset or the button to terminate.

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World Time

This function allows you to check current date and time in each region of the world.

[MENU] ▶ 2. Utilities ▶ [OK] ▶ 4. World Time ▶ [OK]

▶ (Move the meridian line)

▶ the corresponding time of each capital name will be shown.

Time and date of other cities
Move the meridian line to the city where you are located and press the **[OK]** button.
Time and date of other cities will be displayed based on your location.

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Conversion

This function allows you to convert a variety of units (length/weight/volume/area/temperature).
After entering a value, you may select a unit and convert the value into another unit.

[MENU] ▶ 2. Utilities ▶ [OK] ▶ 5. Conversion ▶ [OK]
▶ 1. Length / 2. Weight / 3. Volume / 4. Area / 5. Temperature
▶ [OK] ▶ Enter values
▶ (Select a desired conversion unit)

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Timer

This function allows you to convert a variety of This function raises an alarm after a preset time is elapsed when you set the time.

[MENU] ▶ 2. Utilities ▶ [OK] ▶ 6. Timer ▶ [OK] ▶ Press the [speaker phone] button to select [Set] ▶ Enter a desired time ▶ [OK] ▶ Press the [Menu] button to select [Start]

- If you want to pause the timer for a while, press the **[MENU]** button to select **[Stop].**

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Message

Press the **[MENU]** button in idle mode, and then select the **[3. Message]** icon.
The **[Message]** menu consists of 3 sub menus: Station Msg, SMS and VMS.

Station Message

You can send a reply by checking messages received from an extension on the busy state.

[MENU] ▶ **3. Message** ▶ **[OK]** ▶ **1. Station Msg** ▶ **[OK]**
▶ **(Select a station nember)** ▶ **[OK]** ▶ **1. Reply**
▶ **Call is connected.**

To delete the message, select **[2. Delete].**

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SMS (Short Message Service)

This function allows you to send or receive messages to/from other station.

Inbox

This function allows you to check an incoming message.

[Menu] ▶ 3. Message ▶ [OK] ▶ 2. SMS ▶ [OK] ▶1. Inbox ▶ [OK] ▶ select the message

- Press the **[MENU]** button to delete selected message or to delete all messages.
- After the message is selected, Press the **[MENU]** button to reply or to resend or to delete selected message.
- Press the **[Send]** button to make a call to the person who left the selected message. However, if the message does not include the phone number of the person, a call cannot be made.
- If there are unchecked messages, ✉ is displayed, If there are checked messages, ✉ is displayed.

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Outbox

This function allows you to send a text message by using the writing or outgoing message box function.
Up to 10 outgoing messages can be saved.

[MENU] ▶ 3. Message ▶ [OK] ▶ 2. SMS ▶ [OK] ▶ 2. Outbox ▶ [OK]

- If there are stored messages, the number of outgoing messages is displayed next to **[2. Sent]**.

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Write

This function allows you to write and send the new message.

[MENU] ▶ 3. Message ▶ [OK] ▶ 2. SMS ▶ [OK] ▶ 2. Outbox ▶ [OK] ▶ 1. Write ▶ [OK] ▶ 1. New Text ▶ [OK] ▶ Enter the new message ▶ [OK] ▶ enter the destination number ▶ [OK]

- You can directly enter the character on the idle mode.
  Press the **[MENU]** button to enter the uppercase or lowercase, or special characters.

Send the message in the Templates.
Select the message stored in the Templates On the **[1. Templates]** → **[2. Search]** Menu.
After editing the selected message, send or save the message.
Send the new message
Up to 80 characters/numbers including the blank can be written.

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Sent

This function allows you to check a sent message saved in the message box and the message that fails to be sent, to re-send the message, to delete a message or all messages.

[MENU] ▶ 3. Message ▶ [OK] ▶ 2. SMS ▶ [OK] ▶ 2. Outbox ▶ [OK] ▶ 2. Sent ▶ select the sent message

- Select the message and press the **[OK]** button to check the sent message.
- After the message is selected, press the **[MENU]** button to resend or delete the selected message.
- If the message is sent, is displayed, if the message fails to be sent, is displayed.

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Templates

This function allows you to write, edit, send, and delete a message saved in the message box, and to delete all messages saved in the Templates.

[MENU] ▶ 3. Message ▶ [OK] ▶ 2. SMS ▶ [OK] ▶ 3. Templates ▶ [OK]

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New

This function allows you to register a new message to the Templates.

[MENU] ▶ 3. Message ▶ [OK] ▶ 2. SMS ▶ [OK] ▶ 3. Templates ▶ [OK] ▶ 1. New ▶ [OK] ▶ Enter the character ▶ [OK]

- Up to 10 messages can be saved in the message box.
- You can directly enter the character on the idle mode.
- Press the **[MENU]** button to enter the uppercase or lowercase, or special characters.

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Search

This function allows you to check the messages saved in the Templates. When a call is connected while writing a new message, the message is saved in the Templates.

[MENU] ▶ 3. Message ▶ [OK] ▶ 2. SMS ▶ [OK] ▶ 3. Templates ▶ [OK] ▶ 2. Search ▶ [OK] ▶ select the message

- Press the **[MENU]** button to delete selected message or to delete all messages.
- After the message is selected, press the **[MENU]** button to send, edit, delete the selected message.

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SMS Settings

This function allows you to set SMS configurations.

[MENU] ▶ 3. Message ▶ [OK] ▶ 2. SMS ▶ [OK] ▶ 4. SMS Settings ▶ [OK] ▶ 1. Alert Time ▶ [OK]

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Alert Time

This function allows you to set alert time that notifies to the user when a message arrives.

[MENU] ▶ 3. Message ▶ [OK] ▶ 2. SMS ▶ [OK] ▶ 4. SMS Settings ▶ [OK] ▶ 1. Alert Time ▶ [OK] ▶ select the alert time ▶ [OK]

- **No Tone**: Alarm does not ring even if a new message arrives.
- **Once**: Alarm rings once when a message arrives.
- **Every 2 Minute**: Alarm rings every two minutes until a new message is checked.

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VMS (Voice Mail System)

This function allows you to listen to the voice message.
This function is available after installing VMS and setting a VMS group.

Message

This function allows you to check the number of the new VMS messages and hear new message contents.

[Menu] ▶ 3. Message ▶ [OK] ▶ 3. VMS ▶ [OK] ▶ 1. Message ▶ [OK]

- You can hear new message contents after checking the number of the new VMS messages and then selecting the VMS Menu.
- After accessing the VMS, You can use the soft menu by pressing the **[MENU]** button.

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Volume/Ring

Press the **[MENU]** button in idle mode, and then select the **[4. Volume/Ring]** icon.

You can press the in idle mode to perform the same function.

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Incoming Calls Tone

Ring Type

You can select the modes of call sound such as the ring, vibration, ring after vibration and Light only.

[MENU] ▶ 4. Volume/Ring ▶ [OK] ▶ 1. Incoming calls ▶ [OK] ▶ 1. Ring Type ▶ [OK] ▶ (Ring/Vibrate/Vibrate/Ring/Light only) ▶ [OK]

Setting etiquette mode
For information about how to set the etiquette mode, refer to the description of 'Setting the Etiquette Mode' section in 'Basic Features' of this guide.

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Ring Tone

This function enables you to select one bell melody out of a selection of 16 melodies.

[MENU] ▶ 4. Volume/Ring ▶ [OK] ▶ 1. Incoming calls ▶ [OK] ▶ 2. Ring Tone ▶ [OK] ▶ (Select Melody) ▶ [OK]

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Ring Volume

This function enables you to adjust the bell volume.

[MENU] ▶ 4. Volume/Ring ▶ [OK] ▶ 1. Incoming calls ▶ [OK] ▶ 3. Ring Volume ▶ [OK] ▶ **(Select bell volume) ▶ [OK]**

You can adjust the volume of the bell by using the **[Volume]** button.

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Connection Tone

This function enables to set an alarm in call connection.

[MENU] ▶ 4. Volume/Ring ▶ [OK] ▶ 2. Connection Tone ▶ [OK] ▶ (Select On/Off) ▶ [OK]

Key Tone

This function enables you to set the type of key tone.

[MENU] ▶ 4. Volume/Ring ▶ [OK] ▶ 3. Key Tone ▶ [OK] ▶ [1. Default/2. Piano/3. RainDrop] (Select the tone type) ▶ [OK]

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Warning Tone

This function enables you to hear a warning tone when you move to a shadow zone during a call.

[MENU] ▶ 4. Volume/Ring ▶ [OK] ▶ 4. Warning Tone ▶ [OK] ▶ (Select On/Off) ▶ [OK]

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Base Volume

This function enables you to adjust base voice volume. Select the one of 6 base voice volume levels.

[MENU] ▶ 4. Volume/Ring ▶ [OK] ▶ 5. Base Volume ▶ [OK] ▶ (Select levels) ▶ [OK]

- If you select level 6, you can hear the voice louder than level 1 while having a conversation.

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Soft Menu

Press the **[MENU]** button in idle mode, and then select the **[5. Soft Menu]** icon.

Station Message

You can send a reply by checking messages received from an extension on the busy state

[MENU] ▶ **5. Soft Menu** ▶ **[OK]** ▶ **1. Station Msg** ▶ **[OK]** ▶ **(Select a station number)** ▶ **[OK]** ▶ **1. Reply** ▶ **Call is connected.**

To delete the message, select **[2. Delete].**

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Direct Pickup

You can hear one of the other handsets ringing, but you know there is nobody in the vicinity of the device.
You can take over this call.

[MENU] ▶ 5. Soft Menu ▶ [OK] ▶ 2. Direct Pickup ▶ [OK]
▶Dia; the ringing extention numver ▶ Call is connected.

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Do Not Disturb

You can deny all of call requests anytime you want to.

[MENU] ▶ 5. Soft Menu ▶ [OK] ▶ 3. DoNotDisturb ▶ [OK] ▶ 1. On ▶ DND mode is set up.

To disable DND mode, select **[2. Off]**.

- When DND (Do Not Disturb) mode is set up, the 'DND' message and the icon will appear on the initial screen.

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Page

This function allows you to page through your phone at the specific area in the system.

[MENU] ▶ 5. Soft Menu ▶ [OK] ▶ 4. Page ▶ [OK]
▶ (Select page zone) ▶ [OK]
▶ My voice is announced through the phone.

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Conference

You can call multiple parties to have a conversation in one channel. Up to five persons, including the person holding the conference, can participate in a conference call.

Group Conf.

Load

You can load a conference group from the system and have a conference with the group.

[MENU] ▶ 5. Soft Menu ▶ [OK] ▶ 5. Conference ▶ [OK] ▶ 1. Group Conf. ▶ [OK] ▶ 1. Load ▶ [OK] ▶ Group list is displayed ▶ (Select a group) ▶ [OK] ▶ Group members are connected ▶

To modify or delete the group, press the **[MENU]** button and then select **[1. Edit]**, or **[2. Delete]**.

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Save

Members that are frequently called upon for a meeting can be saved to the system as a group. A group saved to the system can be conveniently used later by selecting 'Group Conference'.

[MENU] ▶ 5. Soft Menu ▶ [OK] ▶ 5. Conference ▶ [OK]
▶ 1. Group Conf. ▶ [OK] ▶ 2. Save ▶ [OK]
▶ Entering group name ▶ [OK]
▶ Enter phone number of member ▶
▶ Enter phone number of next member ▶ [OK]

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Each Conf.

You can have a conference by entering directly the phone number of each member.

[MENU] ▶ 5. Soft Menu ▶ [OK] ▶ 5. Conference ▶ [OK] ▶ 2. Each Conf. ▶ [OK] ▶ Enter phone number of member ▶ [OK] ▶ ▶ Enter phone number of next member ▶ [OK] ▶

- The mark means that you have completed entering the phone number.
- The mark means that you have failed the call connection.
- The mark means that you have connected with the member.

Retrieving the number
You can retrieve a conference group or a phone number saved in the phone by pressing **[MENU]** button at the phone number entry screen.

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Call Forward

Press the **[MENU]** button in idle mode, and then select the **[6. Call Forward]** icon. This feature enables you to forward your incoming calls to a specific extension, group of extensions or external number when you are unable to receive an incoming call.

[MENU] ▶ 6. Call Forward ▶ [OK] ▶ **(Select forward type) ▶ [OK] ▶ Enter a forwarded number ▶ [OK]**

< Forward type >

- To disable the forward mode, select **[1. Disable]**.
- To forward all incoming calls, select **[2. All Calls]**.
- To forward incoming calls when you are using the phone, select **[3. Busy Calls]**.
- To forward incoming calls when you cannot answer within the specified time, select **[4. No Answer]**.
- To forward incoming calls when you are busy or cannot answer within the specified time, select **[5. Busy/No Answer]**.
- To forward incoming calls when DND mode is set up, select **[6. Do Not Disturb]**

- When the forward mode is set up, the 'FWD' message will appear on the initial screen.

To use the **[5. Busy/No Answer]** function, the **[3. Busy Calls]** and **[4. No Answer]** functions must be set.

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Phone Settings

Press the **[MENU]** button in idle mode, and then select the **[7. Phone Settings]** icon.
The submenus are not displayed until a password is entered.

Phone Name

This function enables you to enter random characters on the screen displayed on the initial screen.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a Password ▶ 1. Phone Name ▶ [OK] ▶ Enter your name ▶ [OK]

- Refer to 'Entering Characters' section in 'Basic Features' of this guide for entering characters.

Name display
If you save your name in your phone, your name will be displayed on the other party's phone when you are connected to another party (intercom user).
(This applies only when your phone number is not saved in the phonebook of the intercom user.)

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Background

This function enables you to select the background of the initial screen that appears when power on.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a Password ▶ 2. Background ▶ [OK] ▶ [1. Red Ball / 2. Blue Ball / 3. Display Name / 4. Display Time] (Select a screen) ▶ [OK]

Password

This function enables you to prevent others from using your phone by changing the initial factory set password of the phone. The initial password is set to 0000.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a Password ▶ 3. Password ▶ [OK] ▶ Enter new password ▶ [OK] ▶ Enter new password again ▶ [OK]

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Language

This feature enables you to set the language displayed on the screen of the phone.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a Password ▶ 4. Language ▶ [OK] ▶ (Select language) ▶ [OK]

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Back Light

This function enables you to set the intensity of the lighting on the phone screen.

Light Time

This function enables you to set the time for background lighting, which lights automatically when the keys are pressed or a messages appears.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a Password ▶ 5. Back Light ▶ [OK] ▶ 1. Light Time ▶ [OK] ▶ (Select light time) ▶ [OK]

- The lighting of the LCD screen turns off automatically unless a button is pressed within 8 seconds. You can also set the lighting duration to 20 seconds or turn off the lighting altogether.
- Select 'Always Off' to disable the light at all times.

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Power Save

You can set the mode of the energy-saving lighting.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a Password ▶ 5. Back Light ▶ [OK] ▶ 2.Light on/off ▶ [OK] ▶ 1. On ▶ [OK]

To disable the Power Save mode, select **[2. Off]**.

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LCD Contrast

This feature support to set the LCD contrast if you want to change it.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a password ▶ 6. LCD Contrast ▶ [OK] ▶

Cradle Hook

This function enables to select call off/on when you charge your phone battery with a charger.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a password ▶ 7. Cradle Hook ▶ [OK]

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Reset

This function enables you to initialize all the functions and status of a phone.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a password ▶ 8. Reset ▶ [OK] ▶ (Select reset option) ▶ [OK] ▶ Enter a password ▶ (Yes/No) ▶ [OK]

- To reset the status of a phone, select **[1. Reset All]**. All the saved records as well as the phone options are deleted.
- To reset the options for the phone functions, select **[2. Reset Func.]**.

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Program Msg (Programmed Message)

This function enables to advise your absence by sending a programmed message to the caller, when you are in absence.

[MENU] ▶ **7. Phone Settings** ▶ **[OK]** ▶ **Enter a password** ▶ **9. Program Msg** ▶ **[OK]** ▶ **1. On** ▶ **(Select a message)** ▶ **[OK]**

To cancel the programmed message setting, select **[2. OFF]**

Up to 20 programmed message can be selected.

- In the programmed message setting, the programmed message is displayed on the caller's phone screen, when the called attempt to call you.

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Phone Lock

When the Phone lock is set, no keys of the phone will work, and functions other than answering a call cannot be used until you enter the password.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a password ▶ 0. Phone Lock ▶ [OK]

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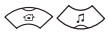
Intern. Lock (Internal Lock)

This function enables to lock incoming/outgoing calls to prevent others from using your phone without permission.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ Enter a password ▶ *. Intern. Lock ▶ [OK] ▶  **(Select lock option) ▶ [OK]**

- To disable the lock function, select **[1. Unlock]**.
- To lock an outgoing trunk call, select **[2. Lock Outgoing]**. At this time, outgoing (incoming) calls are allowed.
- To lock all outgoing/incoming trunk/station calls, select **[3. Lock All Calls]**.

- If the lock mode is set up, 'LCK' for 'Lock Outgoing', 'LCK' and 'Self-number: LOCKED ALL' for 'Lock All Calls' are displayed on the phone screen, respecitively.

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Call Answer

This function enables you to select the Call Answer Mode for how to answer the incomming call.

[MENU] ▶ 7. Phone Settings ▶ [OK] ▶ #. Call Answer ▶ Select the Mode ▶ [OK]

- You can answer a call by pressing the any button or **[Send]** button according to the selecting mode.

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System

Press the **[MENU]** button in idle mode, and then select the **[8. System]** icon.

Registration

This function enables to register a phone to the wireless LAN system (main system).
The phone is available only after registered to the system.

Press **[MENU]** button in idle mode, and then select the **[8. System]** ▶ **[1. Registration]** menu. When registering a phone to a system, you can select system 1~system 4

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DHCP Mode

This function enables to register a phone to the system using a dynamic IP address.
- **User ID**: Enter a user ID for a phone registered in the system. The default ID is 1212.
- **Password**: Enter a user password for a phone registered in the system. The default password is 0000.

1 Enter the SSID and press the **[OK]** button.

- SSID: Enter the ESSID set in the WLAN connection device. Consult the system administrator to verify the ESSID.

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2 Enter the user ID.

3 Enter Password set in the system.

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4 Set the feature On/Off of WMM (WiFi MultiMedia).

5 Select the Encryption Mode.

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6 In case a WEP key has been enabled, select ASCII Mode or HEX Mode to enter the WEP Key.

7 In case a WPA_PSK or WPA2_PSK key has been enabled, select AES Mode or TKIP Mode to enter the Encryption Key.

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8 Enter the Encryption key and press the **[OK]** button.

- Encryption key: Enter the Encryption key into the WLAN connection device. Refer to your system administrator to verify the Encryption key.
- If no Encryption key is present, leave it blank and press **[OK]**.

9 In case a WPA_PSK or WPA2_PSK key has been enabled, select AES Mode or TKIP Mode to enter the Encryption Key.

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Static IP Mode

This function enables to register a phone to the system using a fixed IP address.

1 Enter a phone IP address.

2 Enter the System IP address.

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3 Enter the System Gateway.

4 Enter the System Netmask.

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5 The next steps are the same as Step 1 to 9 of DHCP mode registration.

- If the problem is not solved, follow the troubleshooting procedure described in 'Phone registration failure' of 'Annex', and if the problem is still not solved, contact the system administrator, reseller, or the service center.

Initial Screen

- Refer to 'Phone Settings' section in 'Application Menus' of this guide for selecting the initial screen.
- For the initial screen, one display can be selected from 4 displays.

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System Setting

While using a phone registered to a system, you can transfer to another system for connection. To use this function, the phone should already be registered to the system. Refer to the **[1. Registration]** procedure of **[8. System]** for descriptions on how to register a phone.

[MENU] ▶ 8. System ▶ [OK] ▶ 2. System Setting ▶ [OK] ▶ [1. System 1 / 2. System 2 / 3. System 3 / 4. System 4] (Select system) ▶ [OK] ▶ Confirm the information of the system ▶ [OK]

NOTE

Inquire your system administrator for information on whether the system connected to the phone is Sytem1~System4. To newly register a phone to System2, select System2 and register the phone according to the 'Phone Registration' procedure described earlier.

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Encryption key

You can set the encryption key in the system which should be entered when you register the phone. You can register the phone to the system only by additionally setting or clearing the encryption key without having to enter the system information again.

[MENU] ▶ 8. System ▶ [OK] ▶ 3. Encrypton Key ▶ [OK]
▶ [1. Disable / 2. WEP / 3. WPA_PSK / 4. WPA2_PSK] (Select Encryption key) ▶ [OK]
▶ [1. ASCII Mode / 2. HEX mode] or [1. AES Mode / 2. TKIP mode] (Select Encryption mode) ▶ [OK]
▶ Enter encryption key ▶ [OK]

Consult the system administrator and enter the value set on the system.

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De-registration

A mobile handset which is presently registered to a base station can be manually registered to another base station which is within radio range. Phones currently registered in the base station can be registered in other base stations within the range of radio frequency by hand. This function enables a user to clear the registration information stored in the wireless phone (SMT-W5100) when the wireless phone is registered in the system. The user should check the user password before performing the de-registration function.

[MENU] ▶ 8. System ▶ [OK] ▶ 4. Unregistration ▶ [OK]

- The menu options which are necessary to register the mobile handset to a new base station will then be displayed.
- If you enter the network information on the base station (e.g., SSID and/or encryption), Mobile handsets will be registered to the base station.

Before execute the **[De-registration]**, double check whether this function should be executed since all phone information registered to the system will be deleted.

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QoS (WMM: WiFi MultiMedia)

This function allows you to set the feature On/Off of WMM (WiFi MultiMedia).

[MENU] ▶ 8. System ▶ [OK] ▶ 5. QoS (WMM) ▶ [OK] ▶ (Select On/Off) ▶ [OK]

MAC Address

This function enables to show the unique MAC address for each terminal.

[Menu] ▶ 8. System ▶ [OK] ▶ 6. MAC Address ▶ [OK] ▶ Check MAC Address

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Version Info

You can find out the version number and the date of the software of your handset.

[MENU] ▶ 8. System ▶ [OK] ▶ 7. Version Info ▶ [OK]

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Help

Press the **[MENU]** button in idle mode, and then select the **[9. Help]** icon.

Function Description

For the convenience of users, Function Descriptions provides some helps on using functions.

[MENU] ▶ **9. Help** ▶ **[OK]** ▶ **(Select the function description)** ▶ **[OK]**

- **Soft Menu**: Briefly describes SoftMenu including Station Msg, DoNotDisturb, Page and Conference.
- **Phone Settings**: Briefly describes Call Forward, Program Msg, and Intern. Lock.
- **Busy Call Function**: Briefly describes the functions to be used during a call, such as Call back, Station Msg, Camp On, Transfer, Hold, and Mute.

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Troubleshooting

When any problem occurs in your station, you can fix the problem with this menu.

[MENU] ▶ 9. Help ▶ [OK] ▶ (Select the Troubleshooting description) ▶ [OK]

- This menu describes how to troubleshoot some issues, such as No ring tone, Howling, Can't Make a Call, Unregisterable, Call Disconnect and No Operation.

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TROUBLESHOOTING

Possible problems and troubleshooting steps for your phone are described below.
Check the troubleshooting steps before contacting your Authorized Samsung Reseller.

The LCD does not light up. ▶	Battery is discharged. Recharge the battery and turn the phone on again.
The bell does not ring or the ring sound is too small. ▶	- Check if the phone is set to etiquette mode. - Adjust the volume at **[MENU] → [4. Volume/Ring] → [1. Incoming calls] → [3. Ring Volume]**.
The lamp on the charger flashes yellow. ▶	- Take the battery out from the charger and put the battery in again. - If the yellow light continues to flash, clean the charging phones of the charger. - If the yellow light continues to flash despite the above measures, contact the Samsung Electronics service centre.
The battery is not empty but the phone does not turn on. ▶	- Take the battery out and put it in again, and turn the phone on. - Take the battery out, clean the charging phones of the battery. Then put the battery back in, and turn the phone on.

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Voices echo during a call.	Press the **[Volume]** button and adjust the volume or move to another area.
The indicator appears on screen and calls cannot be made.	- Your phone may not be registered on the system. Use the phone after registration. - Move to an area where service can be provided. - Check if the power of the system or AP is on. - If the phone does not work despite the above measures, contact the Samsung Electronics service centre.
Phone registration failure.	- Check if the power of the system or AP is on and reregister the phone. - Move to a serviceable area of the system or AP and reregister the phone. - If the problem is not solved, contact the Samsung service centre.
Calls are disconnected frequently.	- Move to another area since the frequency is unstable. - If calls are still disconnected frequently, contact the Samsung Electronics service centre.
The phone operates abnormally or does not operate at all.	Take the battery out and insert it again, and turn the phone on again. If the problem continues, contact the Samsung Electronics service centre.

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ANNEX

Product Specifications

The specifications of the SMT-W5100 are as follows.

Item	Specification
Model Name	SMT-W5100
Frequency	2400~2483.5 MHz
Size (mm)	46 (width) × 138.4 (length) × 18 (height)
Weight	106.5 g
Battery Charge Time	3.5 Hour (Li-Ion)
Battery Duration	Call duration: 4 Hours Standby duration: 40 Hours

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